



CASE CT-2645A DIV1

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James Epperson  
Type or print name

*James Epperson*  
Signature

April 21, 2004  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF

YU ET AL.

APPLICATION NO: 10/643,411

FILED: AUGUST 19, 2003

FOR: HETEROCYCLIC SUBSTITUTED 2-METHYL-BENZIMIDAZOLE  
ANTIVIRAL AGENTS

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

CASE CT-2645A DIV1

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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Date: 7/31/2004

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

**SUPPLEMENTAL INFORMATION DISCLOSURE CITATION**

Sheet 1 of 1

ATTY. DOCKET NO.  
CT-2645A DIV1  
APPLICATION NO.  
10/643,411  
APPLICANT  
YU ET AL.  
FILING DATE  
AUGUST 19, 2003

Group

APR 23 2004

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	ADEN	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,066,656	11/19/91	Michael N. Greco, et al			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
	AM						<input type="checkbox"/> <input type="checkbox"/>
	AN						<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>
	AQ						<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

<i>BMK</i>	AR	Dubovi, E. J. et al, "Inhibition of Respiratory Syncytial Virus by Bis(5-Amidino-2-Benzimidazolyl)Methane," VIROLOGY, 103(2), pp. 502-504, 1980
<i>BMK</i>	AS	Pandey, V. K., "Search for New Antiviral Agents. Part V. Synthesis of Some 1,2 Disubstituted Benzimidazole Derivatives," J. INDIAN CHEM. SOC., 58(9), pp. 893-894, 1981 (CHEMICAL ABSTRACTS, Vol. 95 No. 28, Abstract No. 187156G, p. 645, 1981)
	AT	

EXAMINER

DATE CONSIDERED

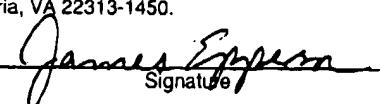
6/25/04

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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James Epperson  
Type or print name

  
Signature

January 8, 2004  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

YU ET AL.

APPLICATION NO: 10/643,411

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In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references are of record in parent Application No. 09/994,012 filed November 16, 2001, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

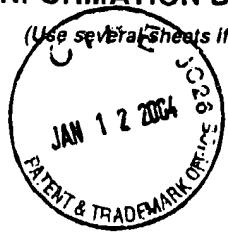
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Date: 1/8/2003

U.S. DEPARTMENT OF COMMERCE  
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Sheet 1 of 2

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Group -

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
BML	AA	4,324,794	4/13/82	R. R. Tidwell, et al			
	AB	5,256,668	10/26/93	K.-H. L. Hsu, et al			
BML	AC	3,394,141	7/23/68	F. Sparatore			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
BML	AJ	EP 058146A1	8/18/82	US Patent 4,525,358 English Equivalent			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AK	AU-A-14,704	12/22/98	US Patent 5,852,015 English Equivalent			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AL	WO 01/36395	5/25/01	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AM	WO 00/38508	7/6/00	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AN	WO 01/00611	1/4/01	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AO	WO 01/00612	1/4/01	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AP	WO 01/00615	1/4/01	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>
BML	AQ	WO 00/04900	2/3/00	PCT Patent Application			<input type="checkbox"/> <input checked="" type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

BML	AR	E. J. Dubovi, et al, ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, 19(4), pp. 649-656, 1981
	AS	P. R. Wyde, et al, ANTIVIRAL RESEARCH, 38, pp. 31-42, 1998
BML	AT	F. Pagani, et al, BOLL. CHIM. FARM., 104, pp. 427-431, 1965

EXAMINER

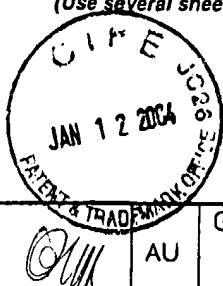
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6/25/04

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Sheet 2 of 2

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>OMK</i>	AU	G. Paglietti, et al, IL FARMACO-ED. SC., 30, pp. 505-511, 1975
	AV	S. Shigeta, et al, ANTIVIRAL CHEMISTRY & CHEMOTHERAPY, 3(3), pp. 171-177, 1992
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	AX	B. Cakir, et al, GAZI ECZACILIK FAK. DER., 5(1), pp. 71-77, 1988
	AY	H. R. Howard, et al, EUR. J. MED. CHEM., 27, pp. 779-789, 1992
	AZ	F. Sparatore, et al, IL FARMACO ED. SCI., 33, pp. 901-923, 1978
	BA	JAMA, 277(1), pp. 12-13, 1997
	BB	E. De Clercq, INT. J. ANTIMICROBIAL AGENTS, 7, pp. 193-202, 1996
<i>SMR</i>	BC	R. R. Tidwell, et al, J. MED. CHEM., 26, pp. 294-298, 1983
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	BE	
	BF	
	BG	
	BH	

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